

Abstract:

Brake Holder for a Floating-caliper Disc Brake with a Brake Pad Guide Spring

The present invention relates to a brake holder (1) of a floating-caliper disc brake for motor vehicles at which brake pads (6) arranged on either side of an associated brake disc are displaceably mounted. To ensure ease of displaceability a brake pad guide spring (20) is provided that extends between the brake holder (1) and the brake pads (6). For ease of mountability of both the brake pads (6) and the brake pad guide spring (20), it is arranged for that the brake pad guide spring (20, 30, 40, 50, 60) is mountable on the brake holder (1, 31) in a generally radial (5) direction and is locked at the brake holder (1, 31) in both radial (5) and axial (3) directions by means of at least one fixing clamp (27 to 29), and at least one spring arm (26) is designed at the brake pad guide spring (20) and fixes at least one brake pad (6) under spring bias in position on the brake holder (1) in a clearance-free manner. These provisions not only improve the mountability of a brake of this type but also the rattle-free resilient arrangement of the brake pads (6).

(Figure 1a)